

1.- Search for the following words:

N	E	U	T	R	O	N	S	R	L	N	S	G	O
H	R	B	Q	X	J	X	I	S	V	F	W	Z	R
M	O	L	E	C	U	L	E	K	T	Y	W	G	O
M	E	L	E	C	T	R	O	N	S	L	T	R	C
F	Y	F	W	S	G	G	N	M	M	D	O	D	V
B	L	P	Y	P	A	D	A	I	T	Z	G	Z	U
V	D	V	E	U	Y	H	E	Y	F	I	P	Y	X
U	F	I	W	U	Y	E	L	E	M	E	N	T	S
M	A	S	S	N	N	X	J	Y	L	B	O	N	D
L	X	A	P	D	S	P	R	O	T	O	N	S	Z
M	Z	N	L	G	O	E	V	E	Y	W	A	M	G
P	R	O	P	E	R	T	I	E	S	D	T	U	Z
X	R	Y	L	Y	H	C	R	Y	S	T	A	L	Z
Q	J	C	O	M	P	O	U	N	D	S	T	F	D

bond	compounds
crystal	electrons
elements	mass
molecule	neutrons
properties	protons

2.- Classify the following substances into elements or compounds: He, FeO, NaCl, H₂O, NaOH, CO, C, HNO₃, Zn, CO₂, F

Elements

Compounds

3.- Complete with the help of the book:

- Molecules are
- Diatomic Molecules are.....
- Crystals are.....

4.- Explain the difference between ionic crystal and covalent crystal.

5.-Classify these crystals into ionic, covalent or metallic: Na, NaCl, Au, SiO₂,W,CaFe₂

6.- Complete the following table:

Ión	A	Z	n	p	e
$^{56}_{26}\text{Fe}^{+3}$					
$^{31}_{15}\text{P}^{-3}$					
$^{40}_{20}\text{Ca}^{+2}$					
$^1_1\text{H}^{+}$					

7.-Calculate the molecular mass of:



8.-Order the following compounds from highest to lowest percentage of magnesium: MgO, MgB₂ and MgCl₂.

9.-Calculate the mass of:

